

## EAST Search History

Ref #	Hits	Search Query	DBs	Default Operator	Plurals	Time Stamp
S1	9	((("5,892,224") or ("RE37,740") or ("5,909,276") or ("5,629,768")).PN.	US-PGPUB; USPAT; USOCR; EPO; JPO; DERWENT; IBM_TDB	OR	OFF	2006/05/25 18:14
S2	2649	circular adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 09:19
S3	827	annular adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 12:43
S4	4741	bright adj field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 09:20
S5	6654	dark adj field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 09:20
S6	965282	scan\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 09:23
S7	76	dammann adj grating	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 10:03
S8	48	S2 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 09:23
S9	6	S8 and S4	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 09:23

## EAST Search History

S10	6	S9 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 09:23
S11	6	S10 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 09:36
S12	4	S11 and S7	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 09:47
S13	12	S3 and S4 and S5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 09:47
S14	8	S13 and S6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 09:49
S15	4	S7 and S3	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/16 10:04
S16	0	christon-hill.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 16:24
S17	48	hill-c.in.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/17 16:24
S18	828	annular adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 12:54
S19	4753	bright adj field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 12:43

## EAST Search History

S20	13	S18 and S19	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 12:44
S21	6669	dark adj field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 12:44
S22	2311	S19 and S21	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 12:44
S23	2911	annular near (beam light)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 12:54
S24	46	S22 and S23	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 12:54
S25	30	S22 and S23	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 13:03
S26	18	S25 and scatter\$5	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/19 13:03
S27	4752	bright adj field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 18:49
S28	6669	dark adj field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 18:49
S29	1879424	simultan\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 18:49

## EAST Search History

S30	1176	S27 and S28 and S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 18:49
S31	387	S27 same S28 same S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 18:49
S32	298	S27 with S28 with S29	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 18:50
S33	94	S27 with S28 with S29	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 18:51
S34	105430	"250".clas.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 18:51
S35	77929	"356".clas.	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 18:51
S36	22	S33 and (S34 or S35)	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/22 18:51
S37	22	("5430292").PN. OR ("5892224"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:00
S38	9794	plural\$4 adj beams	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:06
S39	7	S32 and S38	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:01
S40	15948	((multipl\$5 plural\$4) adj beams	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:18
S41	8	S32 and S40	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:18
S42	716	scann\$5 near2 ((multipl\$5 plural\$4) adj beams)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:18

## EAST Search History

S43	10	S42 and S27 and S28	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 11:32
S44	9	("20010048521"   "20020041374"   "20020091323"   "20030030886"   "5633747"   "6236454"   "6556290"   "6560005"   "6578961").PN. OR ("6809808").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/22 19:22
S45	4760	bright adj field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:32
S46	6679	dark adj field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/23 11:32
S47	722	scann\$5 near2 ((multipl\$5 plural\$4) adj beams)	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 11:32
S48	12	S47 and S45 and S46	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 11:32
S49	4	("5629768"   "5892224"   "5909276"   "RE37740").PN. OR ("7049586"). URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 11:36
S50	12	("4797696"   "5349592"   "5438187"   "5629768"   "5719405"   "5892224"   "5909276"   "6226126"   "6271923"   "6741394"   "6829559"   "RE37740").PN. OR ("7049155").URPN.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 13:47
S51	1	"5,349,592".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 15:50
S52	1	"6271923".pn.	US-PGPUB; USPAT; USOCR	OR	ON	2006/05/23 15:50
S53	7	(US-20050030527-\$).did. or (US-5892224-\$ or US-4737022-\$ or US-6271923-\$ or US-5349592-\$ or US-6421123-\$ or US-6809808-\$). did.	US-PGPUB; USPAT	OR	ON	2006/05/24 14:09
S54	1	S53 and exit adj beam	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/24 14:09

## EAST Search History

S55	2	"6741394".pn.	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 18:14
S56	7	(US-20050030527-\$).did. or (US-5892224-\$ or US-4737022-\$ or US-5349592-\$ or US-6421123-\$ or US-6809808-\$ or US-6271923-\$). did.	US-PGPUB; USPAT	OR	ON	2006/05/25 20:33
S57	4	S56 and pupil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 20:34
S58	7	(US-20050030527-\$).did. or (US-5892224-\$ or US-4737022-\$ or US-5349592-\$ or US-6421123-\$ or US-6809808-\$ or US-6271923-\$). did.	US-PGPUB; USPAT	OR	ON	2006/05/25 21:40
S59	4	S58 and bright adj field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 21:47
S60	4	S58 and dark adj field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 22:10
S61	3	S59 and pupil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 21:58
S62	4	S58 and bright	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 21:48
S63	6	S58 and scann\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 22:12
S64	4	S58 and pupil	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 21:58

## EAST Search History

S65	2319	bright adj field and dark adj field	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 22:10
S66	4	S65 and S58	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 22:10
S67	704	S65 and objective and scan\$6	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 22:12
S68	258	S67 and beam adj splitter	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 22:13
S69	101	S68 and annular	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 22:13
S70	53	S68 and annular	USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/05/25 22:13
S71	1130	multi\$5 adj beam adj scan\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 18:02
S72	3244	(circle annular) adj (beam light)	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:34
S73	6	S71 and S72	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 17:34
S74	168	plural\$5 adj beam adj scan\$5	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 18:02

## EAST Search History

S75	1	S72 and S74	US-PGPUB; USPAT; EPO; JPO; DERWENT; IBM_TDB	OR	ON	2006/10/04 18:03
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